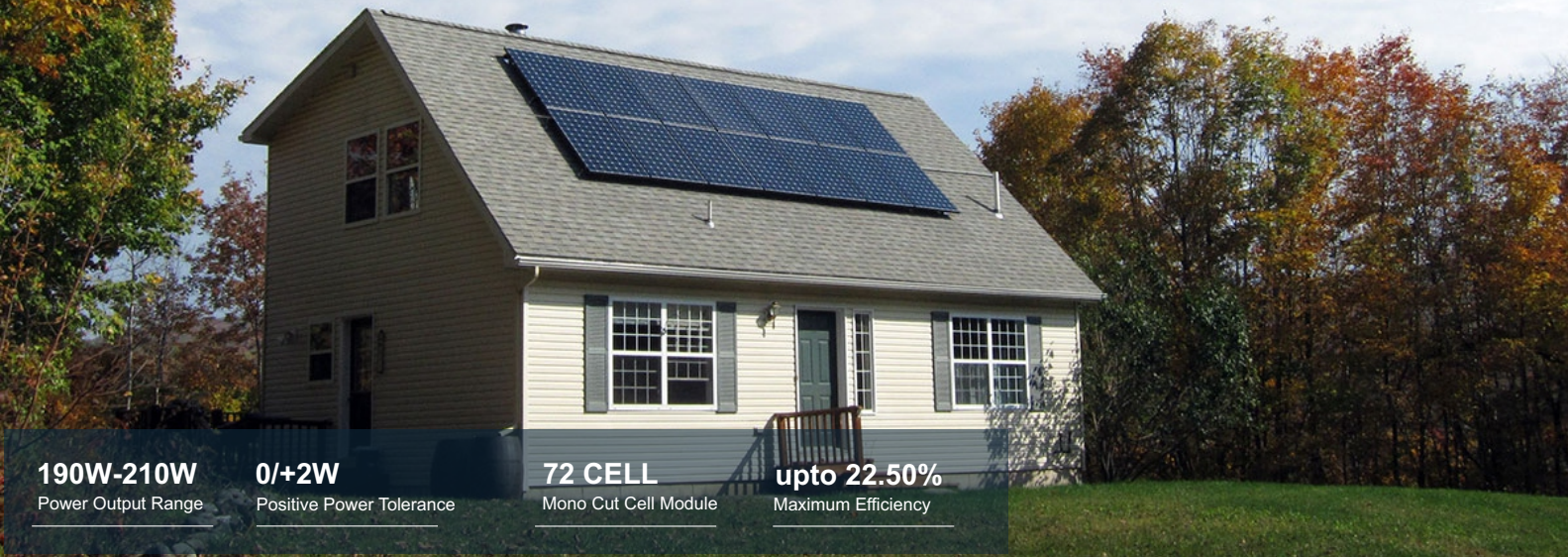


SENZA[®] SOLAR

M10 MONOFACIAL MODULE

190WP-210WP



190W-210W
Power Output Range

0/+2W
Positive Power Tolerance

72 CELL
Mono Cut Cell Module

upto 22.50%
Maximum Efficiency

WHY SENZA SOLAR



Withstanding Harsh Environment
Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline.



Low-light Performance
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



High Efficiency
High module conversion efficiency (up to 22.50%), through innovative manufacturing technology.



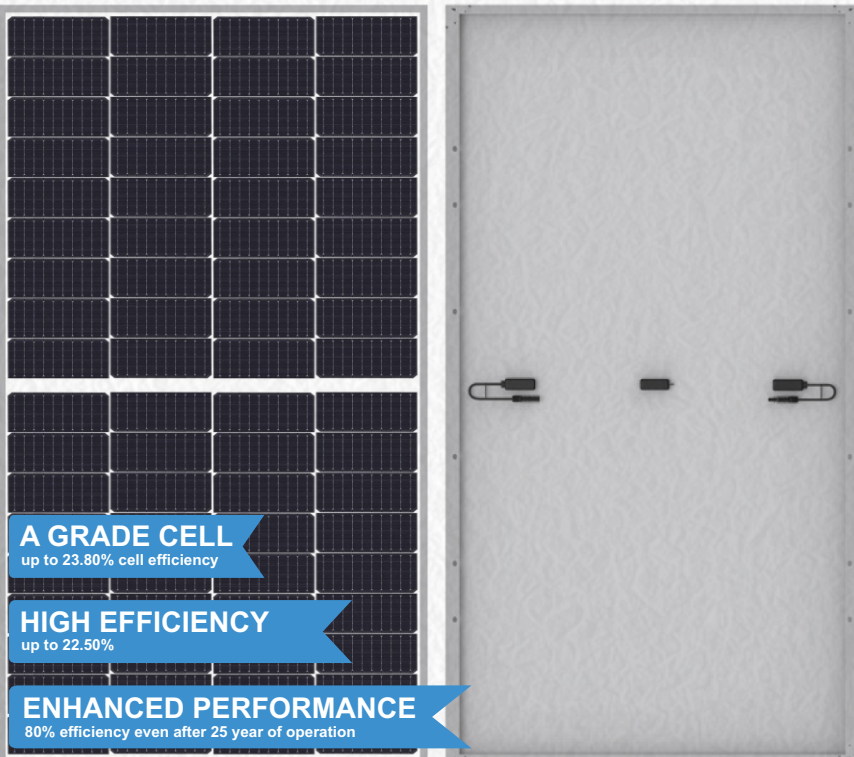
Severe Weather Resilience
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Higher Quality Assurance
100% EL test, providing higher quality assurance



Maximized Energy Harvest
Impedance matching technology eliminates mismatch losses, more power from each module bin.



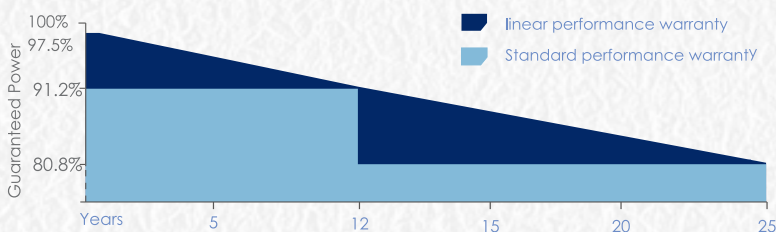
A GRADE CELL
up to 23.80% cell efficiency

HIGH EFFICIENCY
up to 22.50%

ENHANCED PERFORMANCE
80% efficiency even after 25 year of operation

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty | 25 Year Linear Power Warranty



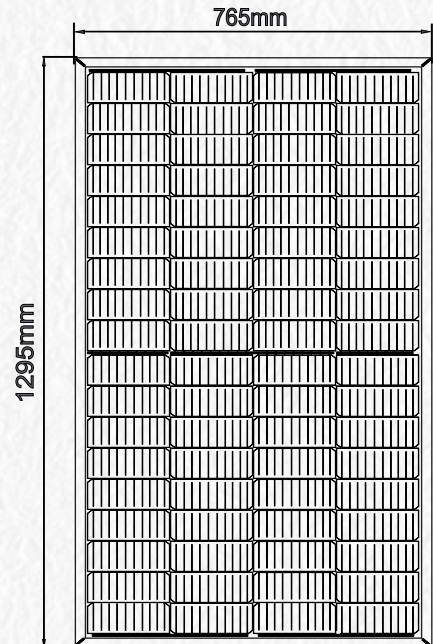
Electrical Characteristics

STC	SNS64CM190Wp-SNS64CM210Wp				
Maximum Power at STC (Pmax)	190W	195W	200W	205W	210W
Optimum Operating Voltage (Vmp)	20.63V	20.80V	20.97V	21.14V	21.31V
Optimum Operating Current (Imp)	9.27A	9.43A	9.59A	9.75A	9.91A
Open Circuit Voltage (Voc)	24.03V	24.24V	24.45V	24.66V	24.87V
Short Circuit Current (Isc)	10.07A	10.16A	10.25A	10.34A	10.43A
Module Efficiency	19.17%	19.68%	20.18%	20.69%	21.19%
Operating Module Temperature	-40 °C to +85 °C				
Maximum System Voltage	1500 V DC (IEC)				
Maximum Series Fuse Rating	30 A				
Power Tolerance	Positive				

STC: Irradiance 1000 W/m², module temperature 25 °C, AM=1.5;
Tolerance of Pmax is within +/- 3% ;

NMOT					
Maximum Power at NMOT (Pmax)	141W	145W	149W	153W	157W
Optimum Operating Voltage (Vmp)	19.50V	19.66V	19.82V	19.98V	20.14V
Optimum Operating Current (Imp)	7.28A	7.40A	7.53A	7.65A	7.78A
Open Circuit Voltage (Voc)	22.68V	22.88V	23.08V	23.28V	23.48V
Short Circuit Current (Isc)	7.90A	7.98A	8.05A	8.12A	8.19A

NMOT: Irradiance 800 W/m², ambient temperature 20 °C, AM=1.5, wind speed 1 m/s.



Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42 ± 2 °C
Temperature Coefficient of Pmax	-0.320%/°C
Temperature Coefficient of Voc	-0.260%/°C
Temperature Coefficient of Isc	0.046%/°C

Mechanical Characteristics

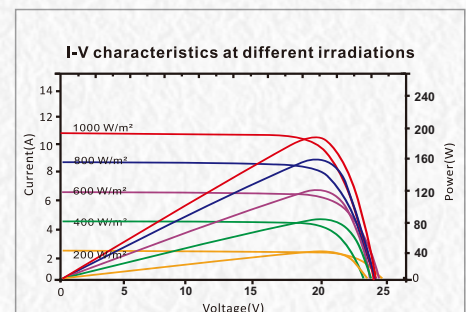
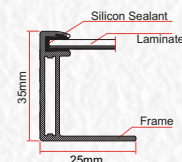
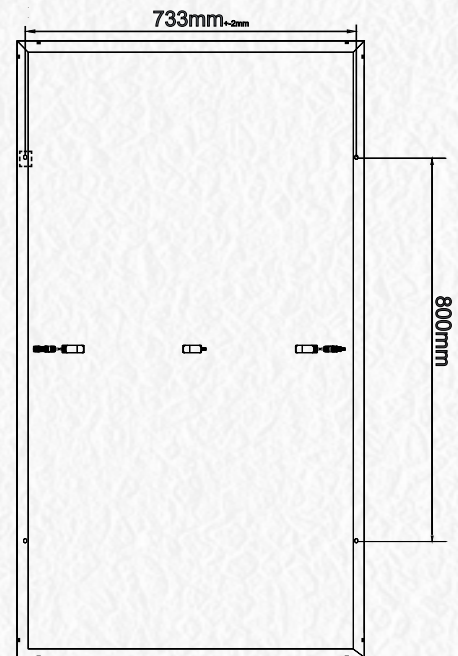
Solar Cell	68mmx182 mm
No. of Cells	72 (4 × 18)
Dimensions	1295 × 765 × 35 mm
Weight	11.20 kgs
Front Glass	3.2 mm fully tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated
Output Cables	4.0 mm ²
Connectors	Mc4

Packing Information

Modules Per Pallet	31 Modules
Total Pallet	54 Pallets
Total Modules 40 Ft HQ container	1674 Modules

Note:

- The specifications in this datasheet are subject to change without any notice.
- The electrical data given here is for reference purpose only.
- Please contact our sales team for any customized solutions.
- Please read safety and installation instructions before using the product.
- Subject to Bahadurgarh Jurisdiction.



SENZA[®] SOLAR

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